



CASE 4-32594A

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December 22, 2003
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

LI ET AL.

APPLICATION NO: 10/629,190

FILED: JULY 28, 2003

FOR: ORGANIC COMPOUNDS

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Some of the listed references were cited in a search report in a corresponding British application. Copies of these references and the search report are enclosed herewith.

Also, copies of the other cited references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

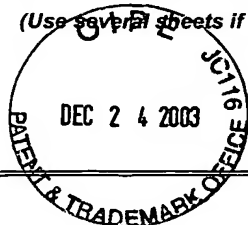
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D. Gabrielle Brouillette
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Agent for Applicants
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Date: DEC 22 2003

INFORMATION DISCLOSURE CITATION

(Use separate sheets if necessary)

ATTY. DOCKET NO.
4-32594A
APPLICATION NO.
10/629,190
APPLICANT
LI ET AL.
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JULY 28, 2003

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,932,417	8/3/99	Birnbaumer et al.	435	6	10/15/96
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	00/04929	2/3/00	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AN	02/48342	6/20/02	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Boulay et al., "Cloning and Expression of a Novel Mammalian Homolog of Drosophila Transient Receptor Potential (Trp) Involved in Calcium Entry Secondary to Activation of Receptors Coupled by the G _q Class of G Protein, J.I of Biolog. Chemistry, Vol. 272, No. 47, pp. 29672-29680 (1997).
	AS	Clapham et al., "The TRP Ion Channel Family", Nature Reviews Neuroscience, Vol. 2, pp. 387-396 (2001).
	AT	Gamberucci et al., "Diacylglycerol Activities the Influx of Extracellular Cations in T-Lymphocytes Independently of Intracellular Calcium-Store Depletion and Possibly Involving Endogenous TRP6 Gene Products", Biochem. J., Vol. 364, pp. 245-254 (2002).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

4-32594A

APPLICATION NO.

10/629,190

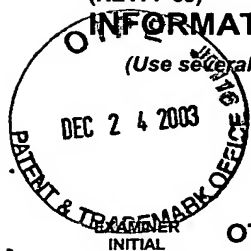
APPLICANT

LI ET AL.

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Group

**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

BA	Gamberucci et al., "Diacylglycerol Activities the Influx of Extracellular Cations in T-Lymphocytes Independently of Intracellular Calcium-Store Depletion and Possibly Involving Endogenous TRP6 Gene Products", Biochem. J., Vol. 364, pp. 245-254 (2002).
BB	Hofmann et al., "Direct Activation of Human TRPC6 and TRPC3 Channels by Diacylglycerol", Nature, Vol. 397, pp. 259-263 (1999).
BC	Inoue et al. "The Transient Receptor Potential Protein Homologue TRP6 is the Essential Component of Vascular α 1-Adrenoceptor-Activated Ca ²⁺ -Permeable Cation Channel", Circulation Research, Vol. 88, pp. 325-332 (2001).
BD	Li et al., "Receptor-Operated Ca ²⁺ influx Channels in Leukocytes: A Therapeutic Target?", Trends in Pharmacological Sciences, Vol. 23, No. 2, pp. 63-70 (2002).
BE	Merritt et al., "A Novel Inhibitor of Receptor-Mediated Calcium Entry", Biochem. J., Vol. 271, pp. 515-522 (1990).
BF	Montell et al., "The TRP Channels, a Remarkably Functional Family", Cell, Vol. 108, pp. 595-598 (2002).
BG	Montell, "Physiology, Phylogeny, and Functions of the TRP Superfamily of Cation Channels", Science's Stke, pp. 1-17 (2001).
BH	Welsch et al., "Transient Receptor Potential Channels Regulate Myogenic Tone of Resistance Arteries", Circ. Res., Vol. 90, pp. 248-250 (2002).
BI	Zhang et al., "Muscarinic Acetylcholine Receptor Regulation of TRP6 Ca ²⁺ Channel Isoforms", J. Biolog. Chemistry, Vol. 276, No. 16, pp. 13331-13339 (2001).
BJ	
BK	
BL	
BM	
BN	

EXAMINER**DATE CONSIDERED**

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